

**FIG. 1**

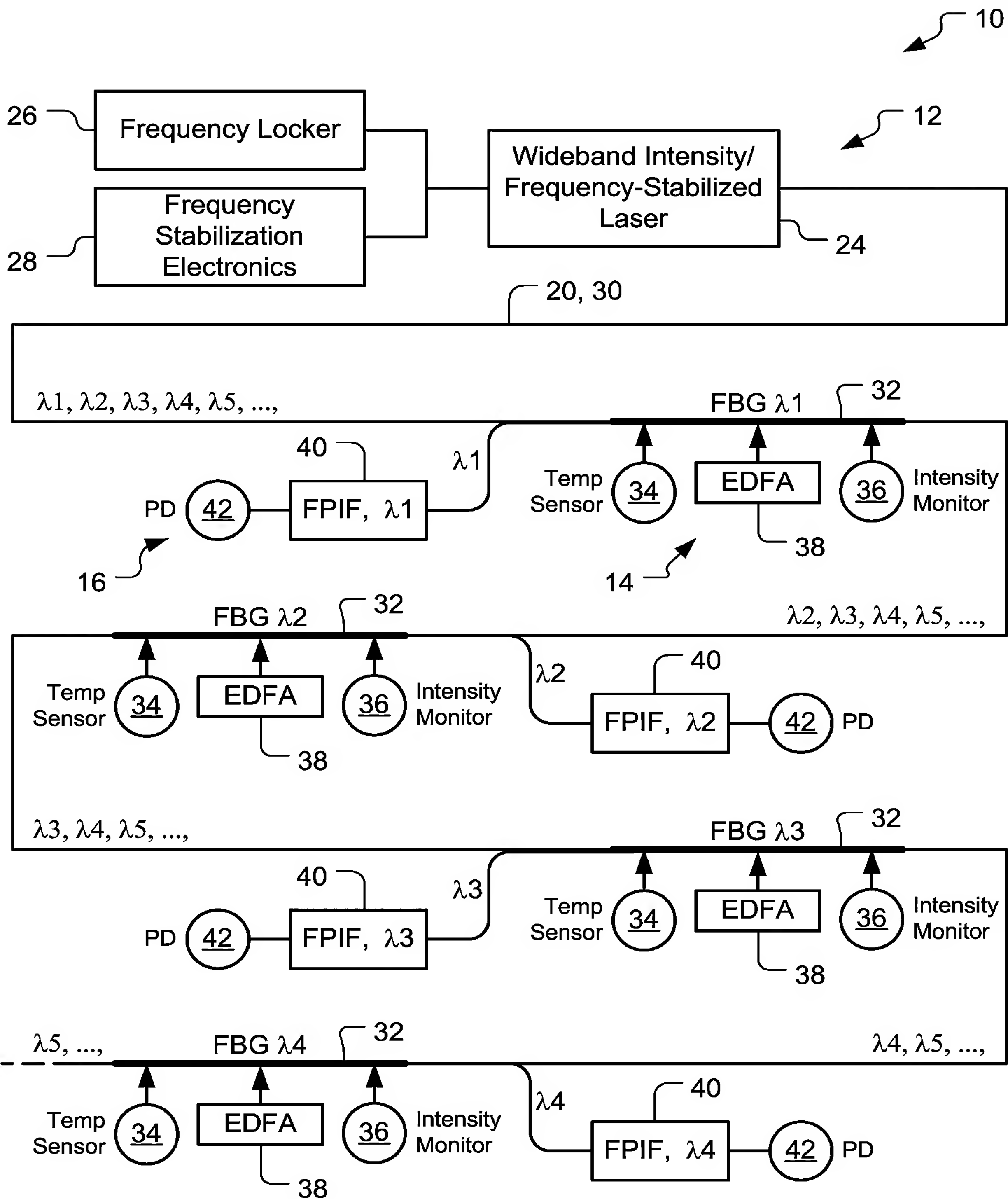
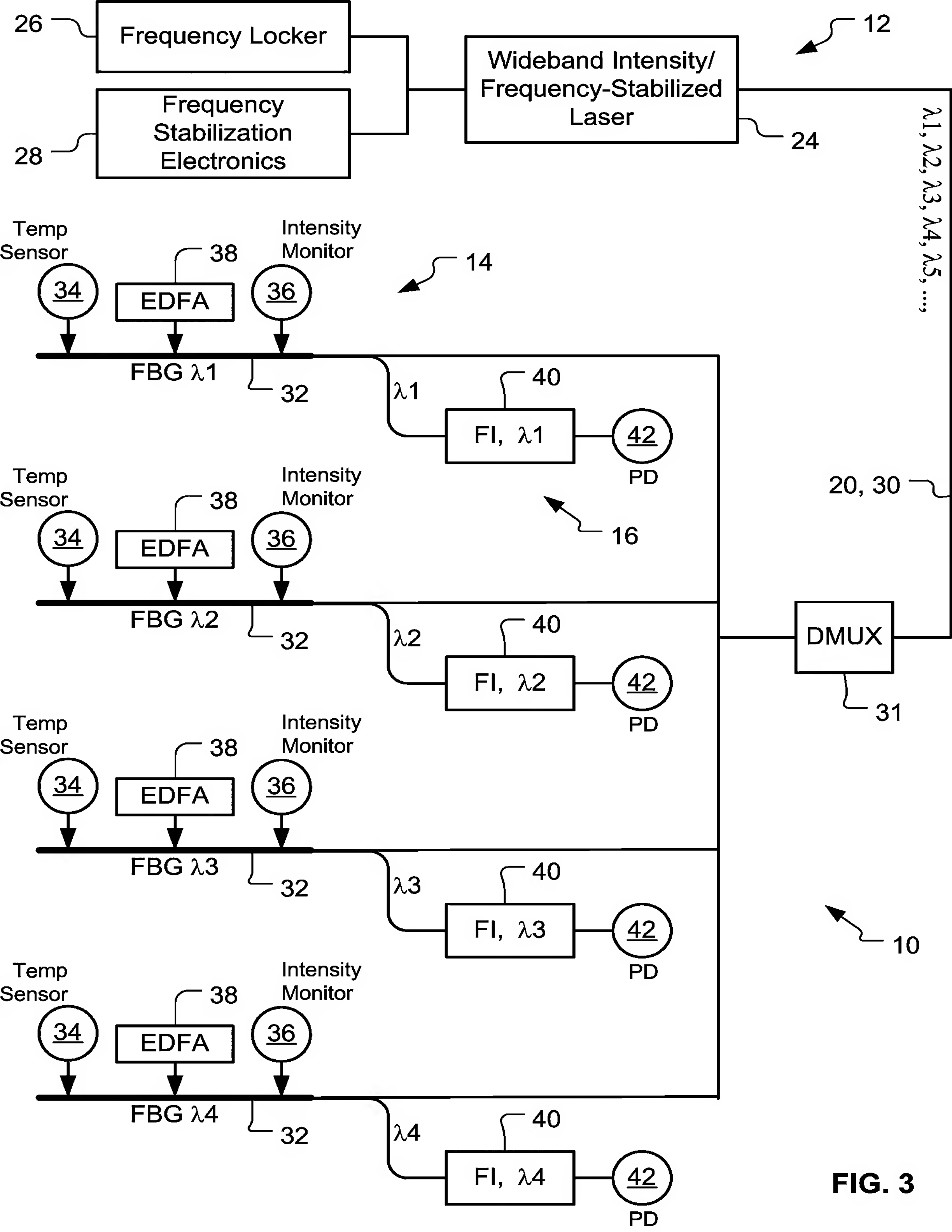


FIG. 2



**FIG. 3**

Broadband Laser Spectrum

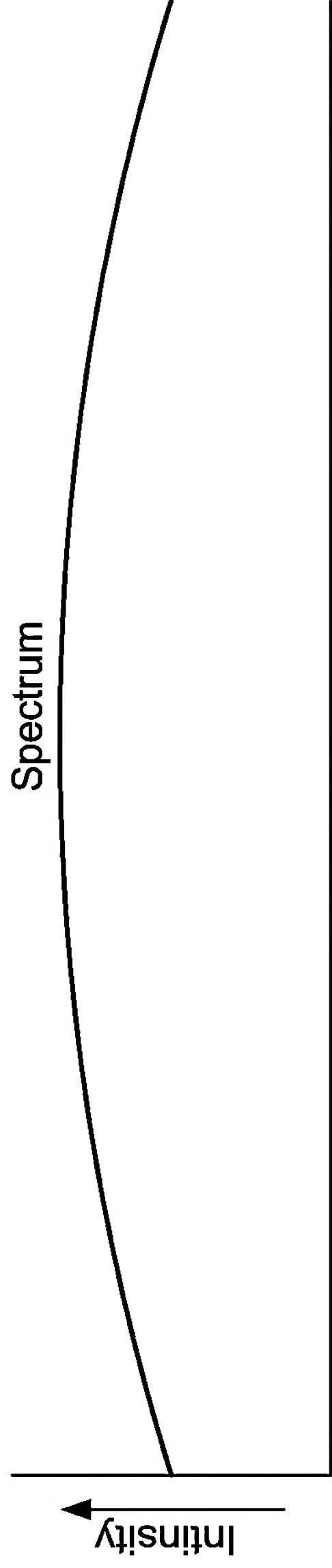


FIG. 4a

Frequency →

Broadband Laser Spectrum  
after passing through Fiber  
Bragg Grating without  
disturbance

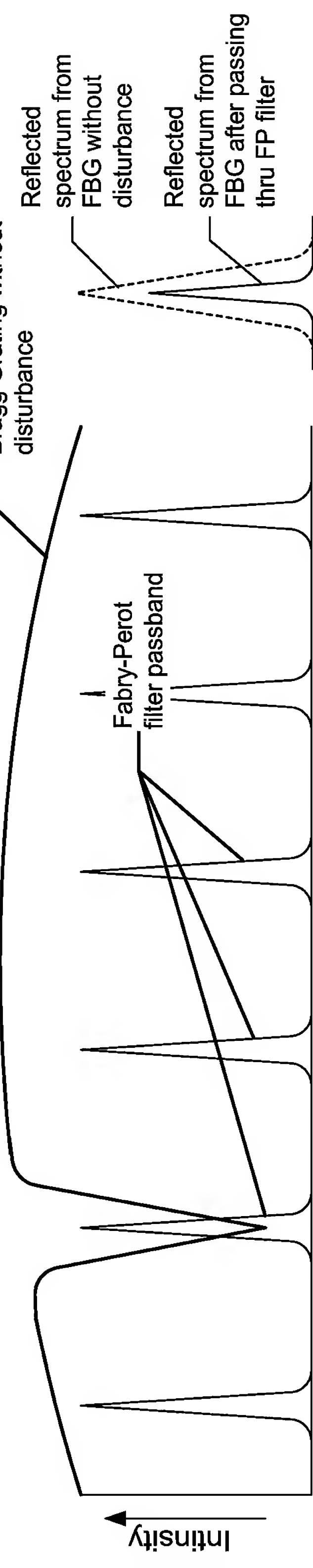


FIG. 4b

Frequency →

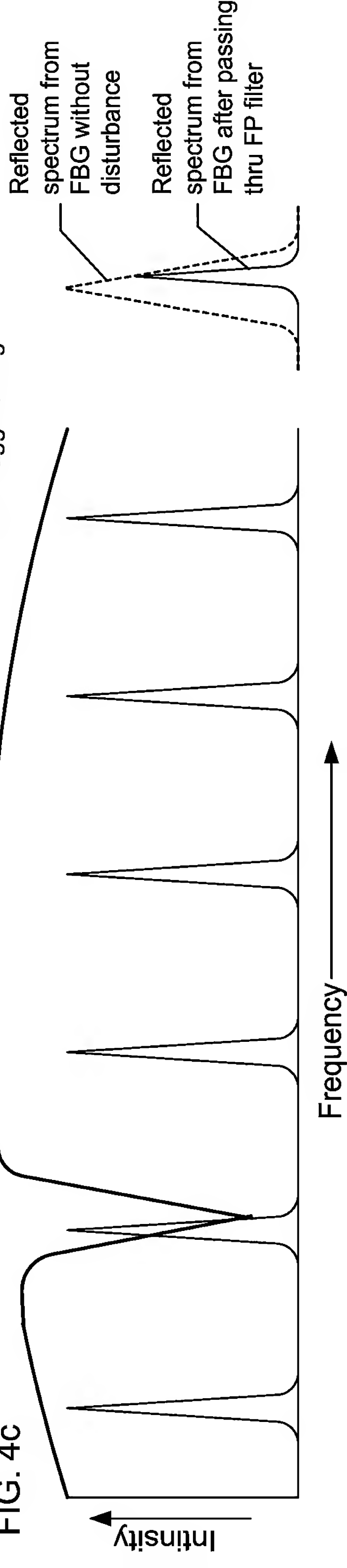
Reflected spectrum from  
FBG without  
disturbance

Reflected spectrum from  
FBG after passing  
thru FP filter

Broadband Laser Spectrum  
after passing through disturbed  
Fiber Bragg Grating

FIG. 4c

Frequency →



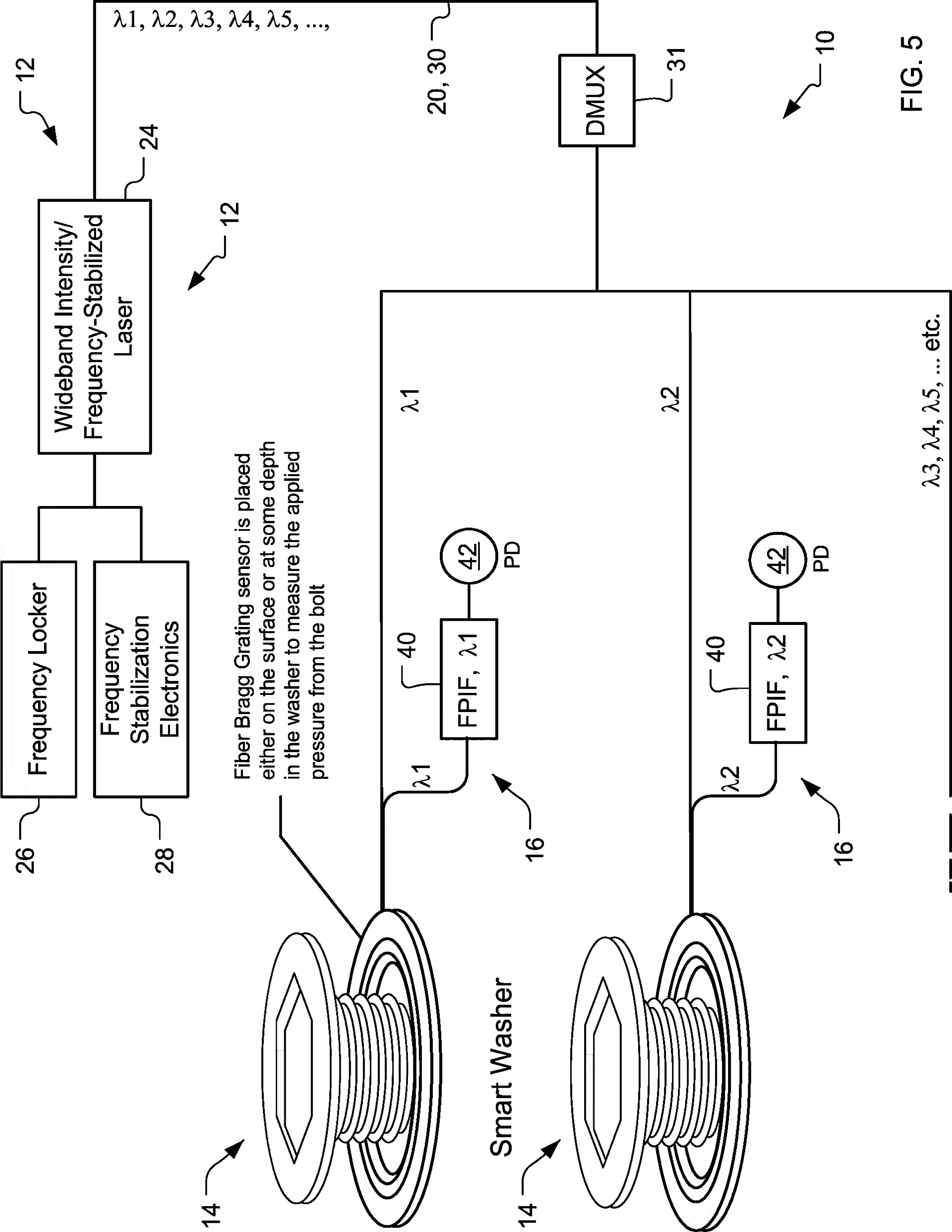


FIG. 5